CCS Technical Documentation
NHL-2NA Series Transceivers

Parts Lists

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RF/System Module LG4 Parts List

0201707 LG4 RF/Syst Module EDMS Issue 13.6

Table 1: 0201707 parts lis

Item	Code	Side	X	Y	Component Name	Type, vaue
B190	4510303	Top	Q	8	Crystal 32.768khz+-20ppm 12.5pf	Crystal_fc_255
C100	2315203	Top	M	5	Chip Array X5r 2x10n M 16v	0405_2_P0.65_AVX
C101	2315203	Top	P	5	Chip Array X5r 2x10n M 16v	0405_2_P0.65_AVX
C102	2315203	Top	M	4	Chip Array X5r 2x10n M 16v	0405_2_P0.65_AVX
C104	2315203	Top	P	2	Chip Array X5r 2x10n M 16v	0405_2_P0.65_AVX
C105	2315203	Top	M	2	Chip Array X5r 2x10n M 16v	0405_2_P0.65_AVX
C106	2315203	Top	M	3	Chip Array X5r 2x10n M 16v	0405_2_P0.65_AVX
C132	2312255	Top	P	9	Chip cap X5r 10u K 10v	1206C
C133	2312249	Top	Q	9	Chip cap X5r 4u7 K 10v	0805C
C134	2320491	Top	M	9	Chip cap X7r 220n K 10v	0603C
C135	2312255	Top	M	9	Chip cap X5RChip cap 10u K 10v	1206C
C136	2320544	Top	C	10	Chip cap 5% NP0	0402C
C137	2320544	Top	Q	10	Chip cap 5% NP0	0402C
C171	2320560	Top	L	4	Chip cap 5% NP0	0402C
C172	2320560	Top	M	5	Chip cap 5% NP0	0402C
C173	2320560	Top	M	5	Chip cap 5% NP0	0402C
C190	2320778	Top	O	8	Chip cap X7R 10% 16V	0402C
C191	2320481	Top	O	8	Chip cap X5R 1u K 6v3	0603C
C193	2320481	Top	P	8	Chip cap X5R 1u K 6v3	0603C
C194	2320481	Top	M	8	Chip cap X5R 1U K 6V3	0603C
C195	2320805	Top	N	7	Chip cap X5R 100N K 10V	0402C
C197	2320481	Top	P	8	Chip cap X5R 1U K 6V3	0603C
C198	2320481	Top	O	8	Chip cap X5R 1U K 6V3	0603C
C199	2320481	Top	Q	5	Chip cap X5R 1U K 6V3	0603C
C200	2320536	Top	Q	8	Chip cap 5% NP0	0402C
C201	2320536	Top	Q	8	Chip cap 5% NP0	0402C
C202	2320481	Top	P	8	Chip cap X5R 1U K 6V3	0603C

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Item	Code	Side	X	Y	Component Name	Type, vaue
C203	2320481	Top	P	8	Chip cap X5R 1U K 6V3	0603C
C204	2320481	Top	P	8	Chip cap X5R 1U K 6V3	0603C
C205	2320481	Top	Q	7	Chip cap X5R 1U K 6V3	0603C
C206	2320481	Top	Q	7	Chip cap X5R 1U K 6V3	0603C
C207	2320481	Top	Q	6	Chip cap X5R 1U K 6V3	0603C
C208	2320481	Top	Q	6	Chip cap X5R 1U K 6V3	0603C
C213	2320546	Top	Q	6	Chip cap 5% NP0	0402C
C214	2320546	Top	Q	7	Chip cap 5% NP0	0402C
C215	2320546	Top	Q	7	Chip cap 5% NP0	0402C
C216	2320546	Top	Q	6	Chip cap 5% NP0	0402C
C217	2320546	Top	Q	7	Chip cap 5% NP0	0402C
C218	2320546	Top	Q	7	Chip cap 5% NP0	0402C
C219	2320805	Top	P	5	Chip cap X5R 100N K 10V	0402C
C221	2320481	Top	Q	6	Chip cap X5R 1U K 6V3	0603C
C222	2320481	Top	N	6	Chip cap X5R 1U K 6V3	0603C
C223	2320481	Top	N	6	Chip cap X5R 1U K 6V3	0603C
C224	2320481	Top	N	8	Chip cap X5R 1U K 6V3	0603C
C225	2320744	Top	Q	5	Chip cap X7R 10% 50V	0402C
C226	2320481	Top	N	5	Chip cap X5R 1U K 6V3	0603C
C227	2320481	Top	M	6	Chip cap X5R 1U K 6V3	0603C
C228	2320481	Top	M	6	Chip cap X5R 1U K 6V3	0603C
C229	2320481	Top	M	6	Chip cap X5R 1U K 6V3	0603C
C230	2320481	Top	M	7	Chip cap X5R 1U K 6V3	0603C
C231	2320481	Top	N	6	Chip cap X5R 1U K 6V3	0603C
C232	2320481	Top	N	7	Chip cap X5R 1U K 6V3	0603C
C233	2320481	Top	M	6	Chip cap X5R 1U K 6V3	0603C
C234	2320481	Top	N	7	Chip cap X5R 1U K 6V3	0603C
C235	2320481	Top	N	8	Chip cap X5R 1U K 6V3	0603C
C236	2320481	Top	N	7	Chip cap X5R 1U K 6V3	0603C
C237	2320805	Top	M	6	Chip cap X5R 100N K 10V	0402C
C238	2315263	Top	N	8	Chip cap	0405_2_P0.65_AVX

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Item	Code	Side	X	Y	Component Name	Type, vaue
C239	2315205	Top	Q	6	Chip cap	0405_2_P0.65_AVX
C240	2315205	Top	Q	6	Chip cap	0405_2_P0.65_AVX
C241	2320805	Top	P	5	Chip cap X5R 100N K 10V	0402C
C242	2320805	Top	M	6	Chip cap X5R 100N K 10V	0402C
C260	2613009	Top	T	7	Chip cap	TANT_TPSY
C261	2320778	Top	R	7	Chip cap X7R 10% 16V	0402C
C262	2310793	Top	R	7	Chip cap X5R 2U2 K 10V	0805C
C266	2310793	Top	S	5	Chip cap X5R 2U2 K 10V	0805C
C268	2310793	Top	R	7	Chip cap X5R 2U2 K 10V	0805C
C270	2310793	Top	S	5	Chip cap X5R 2U2 K 10V	0805C
C271	2320137	Top	R	6	Chip cap X5R 470N K 10V	0603C
C272	2320137	Top	R	6	Chip cap X5R 470N K 10V	0603C
C273	2320568	Top	T	5	Chip cap 5% X7R	0402C
C274	2320568	Top	T	5	Chip cap 5% X7R	0402C
C275	2320805	Top	T	5	Chip cap X5R 100N K 10V	0402C
C276	2312401	Top	T	5	Chip cap X5R 1U0 10V	0805C
C277	2320778	Top	T	5	Chip cap X7R 10% 16V	0402C
C278	2320744	Top	T	5	Chip cap X7R 10% 50V	0402C
C279	2312255	Top	R	6	Chip cap X5R 10U K 10V 1206	1206C
C280	2320544	Top	R	6	Chip cap 5% NP0	0402C
C281	2320544	Top	R	6	Chip cap 5% NP0	0402C
C282	2320481	Top	S	8	Chip cap X5R 1U K 6V3	0603C
C283	2320481	Top	S	8	Chip cap X5R 1U K 6V3	0603C
C284	2320481	Top	R	8	Chip cap X5R 1U K 6V3	0603C
C285	2320481	Top	S	8	Chip cap X5R 1U K 6V3	0603C
C287	2320778	Top	R	7	Chip cap X7R 10% 16V	0402C
C300	2312401	Top	N	8	Chip cap X5R 1U0 10V	0805C
C301	2312401	Top	M	7	Chip cap X5R 1U0 10V	0805C
C302	2312255	Top	M	8	Chip cap X5R 10U K 10V 1206	1206C
C303	2312255	Top	T	8	Chip cap X5R 10U K 10V 1206	1206C
C304	2320805	Top	T	8	Chip cap X5R 100N K 10V	0402C

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Item	Code	Side	X	Y	Component Name	Type, vaue
C305	2610041	Top	R	5	Chip cap	TANT_TPSY
C306	2610041	Top	U	5	Chip cap	TANT_TPSY
C307	2320744	Top	T	8	Chip cap X7R 10% 50V	0402C
C308	2320778	Top	S	5	Chip cap X7R 10% 16V	0402C
C309	2320560	Top	T	5	Chip cap 5% NP0	0402C
C311	2315263	Top	Q	4	Chip cap	0405_2_P0.65_AVX
C312	2320779	Top	S	4	Chip cap X7R 100N K 16V	0603_BLM
C313	2315263	Top	S	4	Chip cap	0405_2_P0.65_AVX
C314	2320778	Top	M	1	Chip cap X7R 10% 16V	0402C
C315	2320778	Top	P	1	Chip cap X7R 10% 16V	0402C
C316	2315203	Top	P	2	Chip cap	0405_2_P0.65_AVX
C317	2315203	Top	P	2	Chip cap	0405_2_P0.65_AVX
C318	2320805	Top	M	2	Chip cap X5R 100N K 10V	0402C
C330	2320783	Top	T	4	Chip cap X7R 33N K 10V	0402C
C331	2320783	Top	T	4	Chip cap X7R 33N K 10V	0402C
C332	2320544	Top	U	4	Chip cap 5% NP0	0402C
C333	2312243	Top	T	4	Chip cap X5R 4U7 K 6V3	0805C
C334	2320544	Top	T	4	Chip cap 5% NP0	0402C
C336	2320544	Top	D	4	Chip cap 5% NP0	0402C
C337	2320544	Top	D	4	Chip cap 5% NP0	0402C
C338	2320544	Top	D	4	Chip cap 5% NP0	0402C
C339	2320544	Top	E	6	Chip cap 5% NP0	0402C
C340	2320544	Top	E	7	Chip cap 5% NP0	0402C
C341	2320544	Top	E	7	Chip cap 5% NP0	0402C
C342	2320744	Top	E	4	Chip cap X7R 10% 50V	0402C
C343	2320744	Top	E	4	Chip cap X7R 10% 50V	0402C
C344	2320783	Top	E	3	Chip cap X7R 33N K 10V	0402C
C345	2320783	Top	E	3	Chip cap X7R 33N K 10V	0402C
C346	2320544	Top	D	3	Chip cap 5% NP0	0402C
C347	2320744	Top	E	3	Chip cap X7R 10% 50V	0402C
C348	2320744	Top	E	3	Chip cap X7R 10% 50V	0402C

Item	Code	Side	X	Y	Component Name	Type, vaue
C349	2320560	Top	E	4	Chip cap 5% NP0	0402C
C350	2320544	Top	E	4	Chip cap 5% NP0	0402C
C353	2320778	Top	E	4	Chip cap X7R 10% 16V	0402C
C354	2312243	Top	C	1	Chip cap X5R 4U7 K 6V3	0805C
C355	2320778	Top	E	3	Chip cap X7R 10% 16V	0402C
C356	2320778	Top	E	3	Chip cap X7R 10% 16V	0402C
C357	2320778	Top	E	3	Chip cap X7R 10% 16V	0402C
C360	2320805	Top	E	5	Chip cap X5R 100N K 10V	0402C
C361	2312255	Top	E	5	Chip cap X5R 10U K 10V 1206	1206C
C362	2320544	Top	E	4	Chip cap 5% NP0	0402C
C363	2320137	Top	E	4	Chip cap X5R 470N K 10V	0603C
C380	2611745	Top	U	7	Chip cap	TANT_TPSY
C381	2320805	Top	M	2	Chip cap X5R 100N K 10V	0402C
C382	2320536	Top	L	2	Chip cap 5% NP0	0402C
C383	2320544	Top	U	6	Chip cap 5% NP0	0402C
C430	2320805	Top	L	2	Chip cap X5R 100N K 10V	0402C
C431	2320481	Top	E	4	Chip cap X5R 1U K 6V3	0603C
C450	2320544	Top	M	4	Chip cap 5% NP0	0402C
C451	2320544	Top	L	4	Chip cap 5% NP0	0402C
C452	2320544	Top	M	4	Chip cap 5% NP0	0402C
C470	2320805	Top	D	6	Chip cap X5R 100N K 10V	0402C
C501	2320548	Top	G	7	Chip cap 5% NP0	0402C
C502	2320536	Top	H	5	Chip cap 5% NP0	0402C
C503	2320546	Top	H	8	Chip cap 5% NP0	0402C
C510	2320481	Top	K	9	Chip cap X5R 1U K 6V3	0603C
C511	2320481	Top	K	10	Chip cap X5R 1U K 6V3	0603C
C512	2320481	Top	K	10	Chip cap X5R 1U K 6V3	0603C
C513	2320481	Top	K	9	Chip cap X5R 1U K 6V3	0603C
C522	2315019	Top	J	10	Chip cap	0612_H0.94
C530	2320562	Top	K	10	Chip cap 5% NP0	0402C
C531	2320562	Top	K	9	Chip cap 5% NP0	0402C

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Item	Code	Side	X	Y	Component Name	Type, vaue
C532	2320783	Top	K	10	Chip cap X7R 33N K 10V	0402C
C533	2320783	Top	K	9	Chip cap X7R 33N K 10V	0402C
C534	2320778	Top	K	7	Chip cap X7R 10% 16V	0402C
C535	2320805	Top	J	7	Chip cap X5R 100N K 10V	0402C
C540	2320552	Top	J	7	Chip cap 5% NP0	0402C
C541	2320552	Top	K	7	Chip cap 5% NP0	0402C
C550	2320778	Top	J	7	Chip cap X7R 10% 16V	0402C
C551	2320536	Top	J	7	Chip cap 5% NP0	0402C
C557	2320554	Top	I	10	Chip cap 5% NP0	0402C
C558	2320778	Top	J	8	Chip cap X7R 10% 16V	0402C
C560	2320548	Top	K	9	Chip cap 5% NP0	0402C
C561	2320620	Top	J	7	Chip cap X7R 5% 16V	0402C
C562	2320805	Top	J	9	Chip cap X5R 100N K 10V	0402C
C581	2320633	Top	L	7	Chip cap NP0 220P J 25V	0402C
C582	2318011	Top	K	8	Chip cap	0805C_H1.35
C583	2320564	Top	L	7	Chip cap 5% NP0	0402C
C584	2320520	Top	L	9	Chip cap +-0.25pF NP0	0402C
C586	2320554	Top	L	9	Chip cap 5% NP0	0402C
C591	2320560	Top	K	7	Chip cap 5% NP0	0402C
C592	2320779	Top	L	6	Chip cap X7R 100N K 16V	0603_BLM
C593	2320560	Top	K	7	Chip cap 5% NP0	0402C
C594	2320560	Top	K	6	Chip cap 5% NP0	0402C
C595	2320560	Top	K	5	Chip cap 5% NP0	0402C
C596	2320481	Top	K	9	Chip cap X5R 1U K 6V3	0603C
C597	2320546	Top	F	9	Chip cap 5% NP0	0402C
C599	2320560	Top	I	9	Chip cap 5% NP0	0402C
C601	2320560	Top	I	10	Chip cap 5% NP0	0402C
C610	2320526	Top	G	9	Chip cap +-0.25pF NP0	0402C
C612	2320491	Top	G	10	Chip cap X7R 220N K 10V	0603C
C613	2320546	Top	G	9	Chip cap 5% NP0	0402C
C614	2320778	Top	F	10	Chip cap X7R 10% 16V	0402C

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Item	Code	Side	X	Y	Component Name	Type, vaue
C630	2320560	Top	I	9	Chip cap 5% NP0	0402C
C631	2320560	Top	I	9	Chip cap 5% NP0	0402C
C632	2320560	Top	G	9	Chip cap 5% NP0	0402C
C640	2320508	Top	G	9	Chip cap +-0.25pF NP0	0402C
C641	2320536	Top	G	9	Chip cap 5% NP0	0402C
C642	2320805	Top	G	8	Chip cap X5R 100N K 10V	0402C
C643	2320552	Top	G	8	Chip cap 5% NP0	0402C
C662	2320536	Top	L	6	Chip cap 5% NP0	0402C
C670	2320548	Top	E	9	Chip cap 5% NP0	0402C
C671	2320548	Top	G	8	Chip cap 5% NP0	0402C
C711	2320540	Top	G	5	Chip cap 5% NP0	0402C
C712	2320778	Top	F	5	Chip cap X7R 10% 16V	0402C
C713	2320778	Top	I	5	Chip cap X7R 10% 16V	0402C
C714	2320546	Top	I	5	Chip cap 5% NP0	0402C
C715	2320548	Top	I	6	Chip cap 5% NP0	0402C
C720	2320778	Top	H	5	Chip cap X7R 10% 16V	0402C
C722	2320778	Top	F	5	Chip cap X7R 10% 16V	0402C
C731	2320546	Top	F	7	Chip cap 5% NP0	0402C
C733	2320548	Top	E	8	Chip cap 5% NP0	0402C
C751	2320620	Top	H	5	Chip cap X7R 5% 16V	0402C
C755	2320778	Top	I	7	Chip cap X7R 10% 16V	0402C
C757	2320778	Top	G	7	Chip cap X7R 10% 16V	0402C
C760	2320546	Top	F	6	Chip cap 5% NP0	0402C
C761	2320538	Top	F	7	Chip cap 5% NP0	0402C
C762	2320538	Top	F	6	Chip cap 5% NP0	0402C
C763	2320536	Top	G	7	Chip cap 5% NP0	0402C
C765	2320548	Top	F	5	Chip cap 5% NP0	0402C
C772	2312243	Top	I	6	Chip cap X5R 4U7 K 6V3	0805C
C782	2611753	Top	J	5	Chip cap	TANT_TPSW2
C800	2320548	Top	J	7	Chip cap 5% NP0	0402C
C802	2322023	Top	G	8	Chip cap NP0 2N2 J 16V	0603C

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Item	Code	Side	X	Y	Component Name	Type, vaue
C803	2320560	Top	H	8	Chip cap 5% NP0	0402C
C804	2320558	Top	J	6	Chip cap 5% NP0	0402C
C805	2320548	Top	I	7	Chip cap 5% NP0	0402C
C806	2320584	Top	J	8	Chip cap 5% X7R	0402C
C813	2320548	Top	H	7	Chip cap 5% NP0	0402C
C820	2320554	Top	J	7	Chip cap 5% NP0	0402C
C831	2320604	Top	H	7	Chip cap 5% NP0	0402C
C832	2320629	Top	I	8	Chip cap NP0 1P0 B 50V	0402C
C833	2320514	Top	H	8	Chip cap +-0.25pF NP0	0402C
C834	2320514	Top	H	8	Chip cap +-0.25pF NP0	0402C
D100	4370871	Top	N	4	UPP_WD2-V2.2 F741973	CSP_240
D190	4370841	Top	O	6	UEM V6.0 W-DOG ENA TO09	uBGA168
D310	4340831	Top	Q	3	IC	uBGA40_P0.5_10.0 X7.0
D311	4341343	Top	S	3	IC	uBGA40_WC128_1 2.6X12.1
D312	4341341	Top	N	2	IC	uBGA52_H1.1
G190	4700129	Top	L	3	Batt	ML414R_TT30
G591	4510349	Top	L	7	VCTCXO_	KT20
G650	4350243	Top	L	8	VCO_GK	_601MNA_2
L130	3203723	Top	Q	10	Ferrite	BK1608
L131	3640123	Top	N	9	DO1605T	103
L132	3203723	Top	M	10	Ferrite	BK1608
L260	3640117	Top	U	8	NP05DB220M	NP05DB220M
L300	3203701	Top	T	8	Ferrite	0805
L301	3203801	Top	D	4	Coil	0405_2_MATSU
L302	3203801	Top	D	3	Coil	0405_2_MATSU
L430	3203701	Top	E	4	Ferrite	0805
L431	3203701	Top	E	2	Ferrite	0805
L432	3646083	Top	E	5	Chip coil 100N J Q16/300M	0402L
L566	3646085	Top	E	9	Chip coil 6N8 K Q29/800M	0402L
L567	3646065	Top	F	9	Chip coil 12N J Q31/800M	0402L

Item	Code	Side	X	Y	Component Name	Type, vaue
L600	3646067	Top	I	9	Chip coil 18N J Q29/800M	0402L
L610	3646013	Top	F	10	Coil	0402_ELJRF
L630	3646091	Top	I	9	Chip coil 6N8 J Q27/800M	0402L
L640	3646051	Top	G	8	Chip coil 3N9 +-0N3 Q28/800M	0402L
L672	3646007	Top	E	8	Chip coil 27N J Q27/800M	0402L
L704	3646039	Top	F	5	Coil	0402_ELJRF
L705	3645065	Top	F	6	Chip coil 5N6 K Q98/1.5GHZ	0805HQ
L708	3203715	Top	F	5	Ferrite	Ferrite_BK1005
L749	4551015	Top	G	7	COUPLER	COUPLER_LDC15D
L751	3203705	Top	I	5	Ferrite	0805_ Ferrite
L820	3646015	Top	I	7	ELJRF	0402_ELJRF
L821	3646015	Top	J	7	ELJRF	0402_ELJRF
L830	3646051	Top	I	8	Chip coil 3N9 +-0N3 Q28/800M	0402L
N130	4341353	Top	O	9	CSP_8	TEA1207UK DC/DC CONV 2.9-5.5V
N260	4370861	Top	S	6	IC	uBGA80_H1.23
N380	4341087	Top	M	2	IC	TSOP_6_H1.1
N430	4350289	Top	I	3	IC	BT102_X_BLUETOOTH
N505	4370781	Top	J	8	IC	uBGA80_H1.7
N701	4350297	Top	G	6	IC	RF_AMP_RF9203_E5_H1.65
R100	1430726	Top	P	5	Resistor 5% 63mW	0402R
R101	1430726	Top	P	5	Resistor 5% 63mW	0402R
R102	1430786	Top	P	5	Resistor 5% 63mW	0402R
R130	1430762	Top	C	10	Resistor 5% 63mW	0402R
R131	1430788	Top	E	10	Resistor 5% 63mW	0402R
R132	1820037	Top	E	10	NTC RES 47K B=4050+-3%	0603_BLM
R133	1430754	Top	P	4	Resistor 5% 63mW	0402R
R134	1430778	Top	L	4	Resistor 5% 63mW	0402R
R135	1430778	Top	L	4	Resistor 5% 63mW	0402R
R136	1430744	Top	Q	9	Resistor 5% 63mW	0402R

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Item	Code	Side	X	Y	Component Name	Type, vaue
R137	1430861	Top	Q	9	Resistor 0W06 110K F	0402R
R138	1430794	Top	Q	9	Resistor 5% 63mW	0402R
R141	1430756	Top	P	4	Resistor 5% 63mW	0402R
R171	1430726	Top	L	4	Resistor 5% 63mW	0402R
R172	1430778	Top	M	5	Resistor 5% 63mW	0402R
R173	1430778	Top	M	5	Resistor 5% 63mW	0402R
R190	1419003	Top	O	8	Resistor 0W5 0R22 J	1210_R
R191	1430804	Top	Q	5	Resistor 5% 63mW	0402R
R192	1430812	Top	M	7	Resistor 5% 63mW	0402R
R193	1430804	Top	Q	5	Resistor 5% 63mW	0402R
R194	1430790	Top	M	5	Resistor 5% 63mW	0402R
R262	1430718	Top	T	5	Resistor 5% 63mW	0402R
R300	1413850	Top	S	5	Resistor 0W125 4R7 J	0805R
R301	1413850	Top	S	4	Resistor 0W125 4R7 J	0805R
R311	1430778	Top	P	4	Resistor 5% 63mW	0402R
R313	1430778	Top	Q	4	Resistor 5% 63mW	0402R
R314	1430770	Top	P	4	Resistor 5% 63mW	0402R
R330	1430137	Top	U	4	Resistor 0W06 1K0 F 200PPM	0402R
R331	1430137	Top	U	4	Resistor 0W06 1K0 F 200PPM	0402R
R332	1825033	Top	U	4	Chip varistor VW14V VC46V	0402_VAR
R333	1825033	Top	U	4	Chip varistor VW14V VC46V	0402_VAR
R334	1825033	Top	D	4	Chip varistor VW14V VC46V	0402_VAR
R335	1825033	Top	D	4	Chip varistor VW14V VC46V	0402_VAR
R336	1825033	Top	E	6	Chip varistor VW14V VC46V	0402_VAR
R337	1825033	Top	E	7	Chip varistor VW14V VC46V	0402_VAR
R338	1430137	Top	E	3	Resistor 0W06 1K0 F 200PPM	0402R
R339	1430762	Top	E	3	Resistor 5% 63mW	0402R
R340	1430762	Top	E	3	Resistor 5% 63mW	0402R
R341	1430137	Top	E	2	Resistor0W06 1K0 F 200PPM	0402R
R342	1825033	Top	D	4	Chip varistor VW14V VC46V	0402_VAR
R343	1825033	Top	D	4	Chip varistor VW14V VC46V	0402_VAR

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Item	Code	Side	X	Y	Component Name	Type, vaue
R344	1825033	Top	E	3	Chip varistor VW14V VC46V	0402_VAR
R345	1825033	Top	E	3	Chip varistor VW14V VC46V	0402_VAR
R346	1825033	Top	D	3	Chip varistor VW14V VC46V	0402_VAR
R347	1430681	Top	S	5	Resistor 0W06 4R3 J	0402R
R348	1430137	Top	E	3	Resistor 0W06 1K0 F 200PPM	0402R
R349	1620103	Top	E	4	Resistor	0404_R_SR
R350	1430718	Top	E	3	Resistor 5% 63mW	0402R
R352	1430718	Top	E	3	Resistor 5% 63mW	0402R
R353	1430734	Top	T	4	Resistor 5% 63mW	0402R
R360	1430693	Top	E	4	Chipres 0W06 5R6 J	0402R
R361	1430693	Top	E	4	Chipres 0W06 5R6 J	0402R
R362	1430693	Top	E	5	Chipres 0W06 5R6 J	0402R
R363	1430693	Top	E	5	Chipres 0W06 5R6 J	0402R
R380	1825033	Top	U	5	Chip varistor VW14V VC46V	0402_VAR
R382	1825033	Top	U	5	Chip varistor VW14V VC46V	0402_VAR
R383	1430804	Top	T	9	Resistor 5% 63mW	0402R
R384	1430804	Top	T	9	Resistor 5% 63mW	0402R
R470	4120071	Top	E	6	ASIP EMIF03-SIM01 SIM FILTER	uBGA8
R471	1430786	Top	E	6	Resistor 5% 63mW	0402R
R510	1620081	Top	K	9	Res. network 0W03 4X22R J 0804	MNR04
R532	1430846	Top	I	8	Resistor 1% 63mW	0402R
R533	1430770	Top	K	7	Resistor 5% 63mW	0402R
R534	1430770	Top	J	7	Resistor 5% 63mW	0402R
R541	1620033	Top	K	6	Res. network 0W06 2X5K6 J	0404_R
R550	1620033	Top	J	6	Res. network 0W06 2X5K6 J	0404_R
R551	1430700	Top	J	7	Resistor 5% 63mW	0402R
R580	1430865	Top	K	7	Resistor 0W06 5K6 F	0402R
R581	1430841	Top	L	7	Resistor 0W06 6k8 F	0402R
R582	1430700	Top	L	9	Resistor 5% 63mW	0402R
R591	1430778	Top	K	6	Resistor 5% 63mW	0402R
R592	1430774	Top	L	6	Resistor 5% 63mW	0402R

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Item	Code	Side	X	Y	Component Name	Type, vaue
R593	1430746	Top	K	5	Resistor 5% 63mW	0402R
R594	1430712	Top	L	5	Resistor 5% 63mW	0402R
R595	1430734	Top	K	5	Resistor 5% 63mW	0402R
R596	1430762	Top	K	7	Resistor 5% 63mW	0402R
R610	1430726	Top	G	10	Resistor 5% 63mW	0402R
R612	1430700	Top	G	10	Resistor 5% 63mW	0402R
R616	1430832	Top	F	10	Resistor 5% 63mW	0402R
R642	1430700	Top	G	8	Resistor 5% 63mW	0402R
R643	1430740	Top	G	8	Resistor 5% 63mW	0402R
R646	1430832	Top	G	9	Resistor 5% 63mW	0402R
R670	1430700	Top	E	8	Resistor 5% 63mW	0402R
R730	1430718	Top	G	7	Resistor 5% 63mW	0402R
R745	1430714	Top	I	7	Resistor 5% 63mW	0402R
R746	1430718	Top	I	8	Resistor 5% 63mW	0402R
R747	1430734	Top	G	7	Resistor 5% 63mW	0402R
R763	1430726	Top	F	6	Resistor 5% 63mW	0402R
R764	1430770	Top	F	7	Resistor 5% 63mW	0402R
R800	1430770	Top	G	7	Resistor 5% 63mW	0402R
R801	1430788	Top	H	8	Resistor 5% 63mW	0402R
R802	1430784	Top	J	6	Resistor 5% 63mW	0402R
R803	1430778	Top	G	8	Resistor 5% 63mW	0402R
R804	1430770	Top	H	8	Resistor 5% 63mW	0402R
R820	1620121	Top	J	7	Res. network 0W06 2X220R J	MNR02_SR0404
R821	1620515	Top	J	6	Resistor	0404_RAC10
R822	1430693	Top	I	7	Chipres 0W06 5R6 J	0402R
R823	1430693	Top	J	7	Chipres 0W06 5R6 J	0402R
R830	1620121	Top	H	8	Res. network 0W06 2X220R J	MNR02_SR
R831	1620515	Top	I	7	Resistor	0404_RAC10
S130	520D001	Top	C	10	AGK_3233	42VDC 100MA
T580	3640423	Top	K	8	Transistor	LDB15
T830	4550137	Top	H	8	Transistor	LDB15

Item	Code	Side	X	Y	Component Name	Type, vaue
V130	4864901	Top	D	9	TR PHOTO SFH3410	SFH2400
V132	4110451	Top	P	10	SCH DI MBRM120L 20V 1A	DO_216AA
V334	4860009	Top	C	2	LED	LED_CL200
V335	4864911	Top	D	2	DI PHOTO 950NM 20NS	BPW34
V360	4860101	Top	B	5	IRDA 9.K6-1M152	TFDU5102
V590	4210066	Top	K	5	Tr NPN 12V 35mA SOT323	SOT323
V610	4210277	Top	F	9	TR BGB420	SOT343_R
V640	4210261	Top	G	9	TR BGA428 LNA1.8GHZ 19.5DB	SOT_363
V760	4110079	Top	F	7	SCH DIX2 HSMS282C 15V <1PF	SOT323
X130	5469167	Top	S	10	Conn	DF12B_2X15F
X330	5409119	Top	B	3	Jack	T_285332
X331	5409227	Top	C	5	Earpiece Adapter	DMD07692
X380	9855053	Bot-tom	V	6	FLEX L4 75.2X31.7 S	FPC_2400
Z130	4120035	Top	S	8	ASIP EMI/ESD10CH	IP4041CX25 BGA25
Z131	4120035	Top	R	8	ASIP EMI/ESD10CH	IP4041CX25 BGA25
Z300	3640011	Top	N	8	EMI FILT Z>600R/100M OR6MAX 0.2A	0805_BLM
Z301	3640011	Top	M	7	EMI FILT Z>600R/100M OR6MAX 0.2A	0805_BLM
Z302	3203751	Top	M	8	Ferrite	FBMH
Z330	3203725	Top	D	4	Ferrite	0402
Z331	3203725	Top	D	4	Ferrite	0402
Z332	3203725	Top	D	3	Ferrite_	0402
Z333	3203725	Top	D	3	Ferrite	0402
Z383	4120035	Top	T	8	ASIP EMI/ESD10CH	IP4041CX25 BGA25
Z384	4120035	Top	U	5	ASIP EMI/ESD10CH	IP4041CX25 BGA25
Z600	4511235	Top	H	9	DCC6D	H1.15
Z672	4550205	Top	F	8	ANT_SW	LMZ0135_6A3
Z800	4511237	Top	J	6	DCC6D	H1.15
Z802	4511241	Top	H	9	DCC6D	H1.15

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Parts List update, version lg4_08_05

Item	Code	Side	X	Y	Component Name	Type, value
C192	2320805	Top	Q	7	CHIPCAP X5R 100N K 1	C0402
C196	2320805	Top	Q	7	CHIPCAP X5R 100N K 1	C0402
C347	2320744	Top	Q	7	CHIPCAP X7R 1N0 K 50	C0402
C348	2320744	Top	Q	7	CHIPCAP X7R 1N0 K 50	C0402
C349	2320538	Top	Q	7	CHIPCAP NP0 12P J 50	C0402
C350	2320538	Top	Q	7	CHIPCAP NP0 12P J 50	C0402
C358	2320481	Top	E	3	CHIPCAP X5R 1U K 6V3	C0603
C359	2320546	Top	D	3	CHIPCAP NP0 27P J 50	C0402
C384	2320560	Top	U	6	CHIPCAP NP0 100P J 5	C0402
C432	2320481	Top	E	2	CHIPCAP X5R 1U K 6V3	C0603
L384	3645209	Top	U	5	CHIP COIL 33NH G Q40	L0603
L431	3203741	Top	E	2	FERRITE BEAD 0R5 600	L0603
R348	1430770	Top	Q	7	CHIPRES 0W06 4K7 J	R0402
R351	1430770	Top	Q	7	CHIPRES 0W06 4K7 J	R0402
R354	1430744	Top	Q	7	CHIPRES 0W06 470R J	R0402
R355	1430804	Top	E	3	CHIPRES 0W06 100K J	R0402

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Grip Module LS4 Parts List

0201711 LS4 RF/Syst Module EDMS Issue: 6.0

Table 2: 0201711 parts list

Item	Code	Part name	Part value
R006	1825033	Chip varistor vwm14v vc4	VC4
R007	1825033	Chip varistor vwm14v vc4	VC4
R008	1825033	Chip varistor vwm14v vc4	VC4
R011	1430754	chipres 0w06 1k0 j	
R012	1430804	chipres 0w06 100k j	
R013	1430427	chipres 0w06 37r4 f 100p	100P
R014	1430427	chipres 0w06 37r4 f 100p	100P
C002	2320546	Chip cap np0 27p j 50v	
C003	2310793	Chip cap x5r 2u2 k 10v	
C004	2320783	Chip cap x7r 33n k 10v	
C005	2320546	Chip cap np0 27p j 50v	
C006	2312203	Chip cap y5v 1u z 50v	
C007	2320805	Chip cap x5r 100n k 10v	
C008	2320805	Chip cap x5r 100n k 10v	
C010	2320546	Chip cap np0 27p j 50v	
C011	2320744	Chip cap x7r 1n0 k 50v	
C012	2360001	Chip cap x5r 330n k 10v	
C013	2312243	Chip cap x5r 4u7 k 6v3	
C014	2360001	Chip cap x5r 330n k 10v	
C015	2320481	Chip cap x5r 1u k 6v3	
C018	2310037	Chip cap x5r 10u m 6v3	
L001	3203701	Ferrite bead 33r/100mhz	33R/100MHZ
F001	5119019	sm fuse f 1.5a 32v	0603
V001	4860331	led lwl88s white >3,4v i	I
V002	4860331	led lwl88s white >3,4v i	I
V003	4860331	led lwl88s white >3,4v i	I
V004	4860331	led lwl88s white >3,4v i	I
V005	4860331	led lwl88s white >3,4v i	I
V006	4860331	led lwl88s white >3,4v i	I

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Item	Code	Part name	Part value
V009	4113721	tvs di 1pmt16at3 16v 175	175
V012	4110089	dix2 bav70w cc 70v .5a 4	4
V013	4860331	led lwl88s white >3,4v i	I
V014	4860331	led lwl88s white >3,4v i	I
V016	4110089	dix2 bav70w cc 70v .5a 4	4
N001	4341165	current sense(lm3822mmx-	SENSE(LM3822MMX-
N320	4341137	dc/dc conv 4.1v/80ma(lm3	4.1V/80MA(LM3
X001	5460059	sm conn 2x25m p0.5 50v.5	50V.5
X004	5400247	sm conn vibra spacer pad	PAD
X005	5400247	sm conn vibra spacer pad	PAD
X006	5400245	sm conn dc-jack spacer p	P
X007	5400245	sm conn dc-jack spacer p	P
X008	5400245	sm conn dc-jack spacer p	P
I052	9854561	pwb ls4_18 60.0x45.6x0.6	60.0x45.6x0.6

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